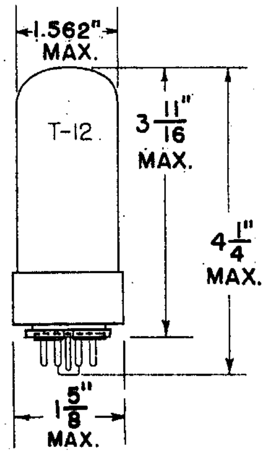
TUNG-SOL

TWIN TRIODE



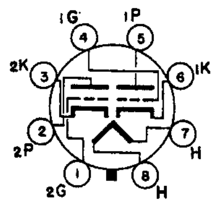
GLASS BULB
SMALL WAFER
8 PIN OCTAL B8-197

COATED UNIPOTENTIAL CATHODE

HEATER NOMINAL

6.3±.3 VOLTS 2.4 AMP.
AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

BASING DIAGRAM
JEDEC 8BD

THE 7236 IS A LOW MU DOUBLE TRIODE INTENDED FOR LONG LIFE SERVICE AS A POWER AMPLIFIER IN COMPUTER SERVICE. IT HAS THE ABILITY TO PASS LARGE CURRENTS WITH A LOW VOLTAGE DROP.

DIRECT INTERELECTRODE CAPACITANCES

EACH UNIT

INPUT	9.0	μμf
OUTPUT	3.3	μμf
GRID TO PLATE	10.0	μμf
HEATER TO CATHODE	11.0	μμf
PLATE TO PLATE	0.5	μμf

RATINGS

ABSOLUTE MAXIMUM VALUES.

OPTIMUM SERVICE LIFE

HEATER VOLTAGE	6.3±.3	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM PLATE CURRENT PER PLATE	190	MA.
MAXIMUM PLATE DISSIPATION PER PLATE	15	WATTS
MAXIMUM GRID RESISTANCE	0.25	MEGOHM
MAXIMUM BULB TEMPERATURE[A]	150	°C
MAXIMUM POSITIVE GRID VOLTAGE	+1	VOLT
MAXIMUM NEGATIVE GRID VOLTAGE	100	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	100	VOLTS

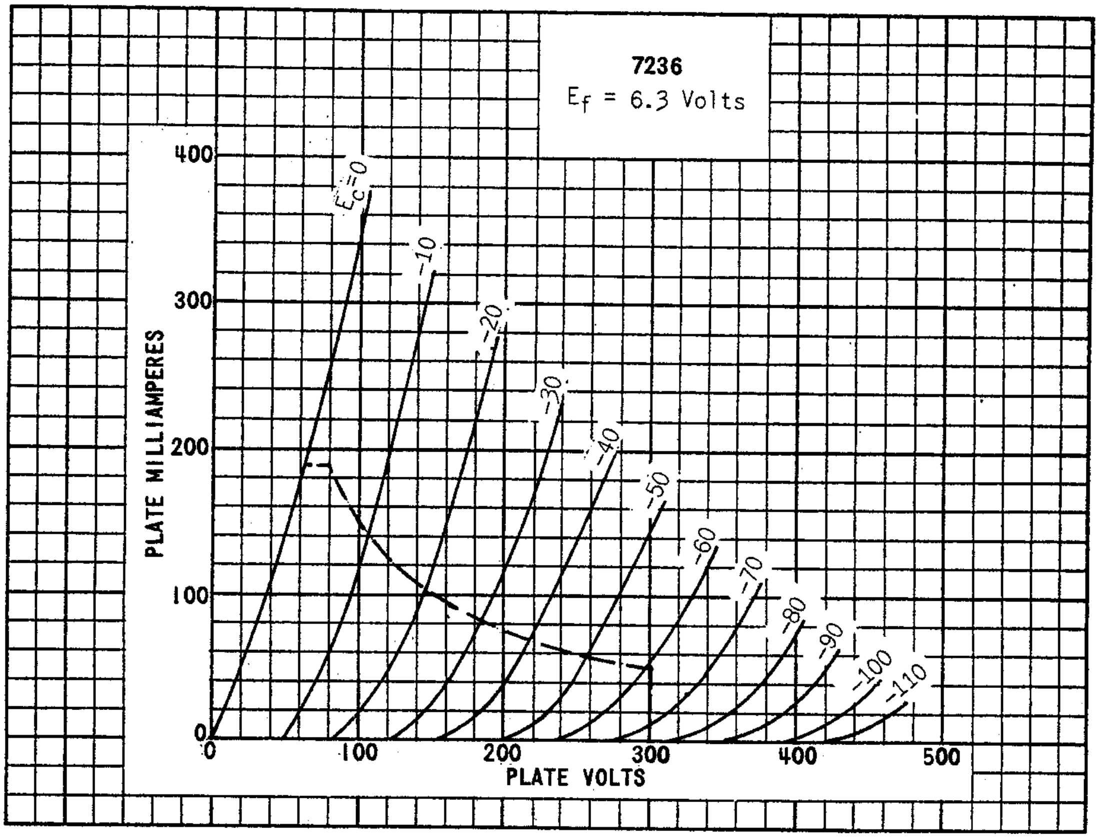
[A] FORCED AIR COOLING IS NECESSARY TO OBTAIN THIS BULB TEMPERATURE.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

EACH TRIODE

HEATER VOLTAGE		6.3±5%		VOLTS
HEATER CURRENT	2.4	2.4	2.4	AMP.
PLATE VOLTAGE	120	60	150	VOLTS
DC GRID VOLTAGE	-14	0	-24	VOLTS
PLATE CURRENT	100	150	60	MA.
AMPLIFICATION FACTOR	4.8	---	---	
TRANSCONDUCTANCE	12 500	---	---	μMHOS
I_b (AT E_{c1} =-65 V.) (MAX.)	----	---	100	μA.

Kr-354


7236
E_f = 6.3 Volts
PLATE MILLIAMPERES
PLATE VOLTS
E_c=0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
0
100
200
300
400
500